BRUHATH BANGALORE MAHANAGARA PALIKE

Name of Work : - Allied works for Sweep smart Project& other Repairs Works for DWCC centre in ward no 4

Name of Agency :- M/s Venkateshwara Constructions K Lokaraju

Job code No : 004-21-000001

Bill No : 1st and Final Bill

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit	
	Tender Item No: Page No			**Measurement Recorded On:**			08/10/2020.		
1	Fabricating, supplying & erecting M.S. angular Truss of span upto 10m. The bottom & top member is provided with 50x50x6mm double equal angles, welded back to back and in between top & bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing No.CBS/ SD/K-Mantap/9/MND/97. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification.								
	For Platform		Nos	Length/area		Kg/		SAHPES	Member L
	ISMB 200	1	15.00	4.00		25.40	1524.00	I	4.00
	ISMB 150X75	1	3.00	12.65		14.90	565.46	I	12.65
		1	9.00	4.10		14.90	549.81	I	4.10
	CHANNEL- SECTION								
	for staircase ISMC 150	2	1.00	4.40		16.40	144.32	C	4.40
		2	1.00	1.25		16.40	41.00	C	1.25
		2	1.00	1.40		16.40	45.92	C	1.40
	Angles for partition								
	ISA 35X35X4mm below th roof	8	4.00	4.10		2.66	348.99	L	4.10
		4	7.00	2.20		2.66	163.86	L	2.20

Contractor

Assistant Engineer
SWM

Assistant Executive Engineer
Environmental/SWM

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit	
	ISA 35X35X4mm Above the roof	8	4.00	4.10		2.66	348.99	L	4.10
		4	7.00	2.00		2.66	148.96	L	2.00
	MS Sheet 6mm thick@ 7850kg/m3 12.10X4.10X0.006x7850=2374.9	7850	1	12.15	4.15	0.0060	2374.90		
	MS Gusset plate 320X320X12mmX7850=9.65	7850	24	0.32	0.32	0.0120	231.51		
	steps 1.0mx0.25X4	7850	13	1.000	0.250	0.003	76.54		
	For partition								
	MS sheet 3mm thick @ 7850kg/m3	7850	8	3.000	2.520	0.003	1424.30		
	For Landing								
	MS sheet 3mm thick @ 7850kg/m3	7850	2	1.050	1.200	0.003	59.35		
	MS square tube50mmX50mmX4mm	7850	4.00	4.10	0.200	0.004	102.99	□	4.10
		7850	3.00	12.60	0.200	0.004	237.38	□	12.60
						Total	**8,388.27**	**kgs**	

Tender Item No: **Page No** **Measurement Recorded On:** 08/10/2020

Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.

For Platform	1	16.10		0.90	14.49		
for staircase	2	4.80		0.90	8.64		
				Total	**23.13**	**Sqm**	

Tender Item No: **Page No** **Measurement Recorded On:**

KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.

Painting For							
Gate and Grills	2	10.90		5.00	109.00		
				Total	**109.00**	**Sqm**	

Contractor

Assistant Engineer
SWM

Assistant Executive Engineer
Enivronmental/SWM

Sl. No.	Description of work	Side	No.	Length	Breadth	Depth	Quantity	Remark/Unit
				m	m	m		
	Tender Item No: Page No			**Measurement Recorded On:**			12/10/2020	
4	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.							
	Painting for Wood Surface							
	Door	2.25	2	0.90		2.10	8.51	
	window	2.25	2	1.20		1.20	6.48	
						Total	**14.99**	**Sqm**
	Tender Item No: Page No			**Measurement Recorded On:**			16/10/2020	
5	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar. using aluminium section powdered coated to a minimum of 60-70 microns with exterior durable pure polyester grade powder of approved quality.							
	Windows							
			2	1.20		1.20	2.88	
			8	1.25		4.00	40.00	
						Total	**42.88**	**Sqm**
	Tender Item No: Page No			**Measurement Recorded On:**			20/10/2020	
6	KSRB 4-7 : Providing 2 legged scaffolding for stone masonry work using 10-15 cms. dia best quality casurina poles of 4m over all length (3m +0.5m projection + 0.5m In to the ground), the distance between two rows being 1.25m and spacing of posts being 2m in both rows with 2 horizontal posts with 0.5 mm overlap on either side and braces at 2 m c to c including longitudinal and transveres middle braces to step up and providing platform with casurina poles, forms tied up using coir rope complete as per specifications							
	Scaffolding							
	north and south side		2	15.00		6.00	180.00	
	East and west side		2	10.00		6.00	120.00	
	For Window Fitting West Side		1	9.00		6.00	54.00	
						Total	**354.00**	**Sqm**
	Tender Item No: Page No			**Measurement Recorded On:**			20/10/2020	
7	Ventilators : Fixed lovers 4'-0" x 3'-0" (1219.2x914.4mm) (Box section) outer frame section size of 33x57mm mullion section. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							

Contractor

Assistant Engineer
SWM

Assistant Executive Engineer
Environmental/SWM

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit
	Ventilators		2	0.75		0.60	0.90	
						Total	**0.90**	**Sqm**
	Tender Item No: **Page No**				**Measurement Recorded On:**		22/10/2020	
8	Repairs to plaster in patches of 2.5 sqm and less in walls, ceilings 10 to 20mm thick in cement mortar 1:3 including cutting the patches in proper shape and replastering the surface of the wall including disposal of rubbish with a lead of 50m including curing cost of materials, labour, complete as per specifications. Specification No.KBS 24.2.1 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Repairs to Plaster							
			2	1.60		1.20	3.84	
			3	3.20		2.40	23.04	
			4	1.85		2.10	15.54	
						Total	**42.42**	**Sqm**
	Tender Item No: **Page No**				**Measurement Recorded On:**		26/10/2020	
9	Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	up to 3.0m							
	External Painting							
	n/s wall	1	2	16.00		3.00	96.00	
	e/w wall	1	2	10.80		3.00	64.80	
	gate	1	-1	10.40		3.00	-31.20	
						Total	**129.60**	**Cum**
	Tender Item No: **Page No**				**Measurement Recorded On:**		28/10/2020	
10	Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Above 3.0m							
	External Painting							
	n/s wall	1	2	16.00		4.05	129.60	
	e/w wall	1	2	10.80		4.05	87.48	
						Total	**217.08**	**Sqm**
	Tender Item No: **Page No**				**Measurement Recorded On:**		28/10/2020	
11	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	inside shelter							
	n/s wall	1	2	16.00		2.40	76.80	
	e/w wall	1	2	10.80		2.40	51.84	
	gate	1	-1	10.40		2.40	-24.96	
						Total	**103.68**	**Sqm**

Contractor

Assistant Engineer
SWM

Assistant Executive Engineer
Environmental/SWM

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit
	Tender Item No: Page No			**Measurement Recorded On:**			28/10/2020	
12	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Wall Painting							
	office room	1	1	3.10		3.25	10.08	
		1	2	3.10		3.00	18.60	
		1	2	3.05		1.50	9.15	
		1	2	3.30		1.50	9.90	
		1	1	3.05		3.30	10.07	
	inside shelter							
	n/s wall	1	2	16.00		4.65	148.80	
	e/w wall	1	2	10.80		4.65	100.44	
						Total	**307.03**	**Sqm**
	Tender Item No: Page No			**Measurement Recorded On:**			28/10/2020	
13	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	painting for chainlink fencing							
	For Rolling shutters		2	10.90		5.00	109.00	
						Total	**109.00**	**Sqm**
	Tender Item No: Page No			**Measurement Recorded On:**			28/10/2020	
14	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m. Specification No. KBS 7.10 / 7.12. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	for entrance		2	5.20	5.00		52.00	
						Total	**52.00**	**Sqm**
	Tender Item No: Page No			**Measurement Recorded On:**			28/10/2020	
15	Providing and fixing top covers made out of 20 guage M.S. sheet over pull and push rolling shutters bent to shape including cost of red lead primer coat of painting , materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 7. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Rolling Shutter Cover							

Contractor

Assistant Engineer
SWM

AssistanExecutive Engineer
Enivronmental/SWM

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit
	for entrance		2	10.40			20.80	
						Total	20.80	Rmt
	Tender Item No: Page No				**Measurement Recorded On:**		28/10/2020	
16	Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes adhesive paste etc., by groove cutting in wall and fixing by bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary.(2/1.3)-19/20mm dia 2mm thick. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	20mm Dia PVC Pipe							
			1	50.00			50.00	
						Total	50.00	Mtr
	Tender Item No: Page No				**Measurement Recorded On:**		28/10/2020	
17	25mm dia 2mm thick. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	25mm Dia PVC Pipe							
			1	75.00			75.00	
						Total	75.00	Mtr
	Tender Item No: Page No				**Measurement Recorded On:**		28/10/2020	
18	32mm dia 2.5mm thick. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	32mm Dia PVC Pipe							
			1	75.00			75.00	
						Total	75.00	Mtr
	Tender Item No: Page No				**Measurement Recorded On:**		28/10/2020	
19	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 1100 V gradeCOPPER FRLS PVC insulated, 2x1.5SqmmCable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet GROUP A -Short point up to 3Mtr from tapping point to out let via switch box with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
			25				25.00	
						Total	25.00	Nos
	Tender Item No: Page No				**Measurement Recorded On:**		28/10/2020	
20	Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
			25				25.00	
						Total	25.00	Nos
	Tender Item No: Page No				**Measurement Recorded On:**		28/10/2020	
21	Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
			20				20.00	
						Total	20.00	Nos

Contractor

Assistant Engineer
SWM

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Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit
	Tender Item No: Page No				**Measurement Recorded On:**		28/12/2020.	
22	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A .-1.5 sqmm with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Wiring-1.5 Sqmm							
			1	150.00			150.00	
						Total	**150.00**	**Mtr**
	Tender Item No: Page No				**Measurement Recorded On:**		28/12/2020	
23	2.5 sqmm with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Wiring-2.5 Sqmm							
			1	350.00			350.00	
						Total	**350.00**	**Mtr**
	Tender Item No: Page No				**Measurement Recorded On:**		28/12/2020	
24	4 sqmm with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Wiring-4.00 Sqmm							
			1	425.00			425.00	
						Total	**425.00**	**Mtr**
	Tender Item No: Page No				**Measurement Recorded On:**		28/12/2020	
25	6 sqmm with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Wiring-6.00 Sqmm							
			1	240.00			240.00	
						Total	**240.00**	**Mtr**
	Tender Item No: Page No				**Measurement Recorded On:**		28/12/2020	
26	Supplying and surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.-1-3Way with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	PVC Modular Box 1-3Way							
			5				5.00	
						Total	**5.00**	**Nos**
	Tender Item No: Page No				**Measurement Recorded On:**		28/12/2020	
27	4-5Way with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	PVC Modular Box 4-5Way							
			3				3.00	
						Total	**3.00**	**Nos**
	Tender Item No: Page No				**Measurement Recorded On:**		28/12/2020	
28	6-8Way with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	PVC Modular Box 6-8Way							
			5				5.00	
						Total	**5.00**	**Nos**

Contractor

Assistant Engineer
SWM

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Enivronmental/SWM

Description of work	Side	No.	Length	Breadth	Depth	Quantity	Remark/Unit
			m	m	m		
Tender Item No: Page No			**Measurement Recorded On:**			28/12/2020	
10-12Way with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
PVC Modular Box 10-12Way							
		3				3.00	
					Total	**3.00**	**Nos**
Tender Item No: Page No			**Measurement Recorded On:**			28/12/2020	
Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.(page no 9/Item no 3.6)-1 to 3 Module with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
Polycarbonate Plate-1 to 3 Module							
		5				5.00	
					Total	**5.00**	**Nos**
Tender Item No: Page No			**Measurement Recorded On:**			28/12/2020	
4 Moudule with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
Polycarbonate Plate-4 Module							
		3				3.00	
					Total	**3.00**	**Nos**
Tender Item No: Page No			**Measurement Recorded On:**			28/12/2020	
8 Moudule with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
Polycarbonate Plate-8 Module							
		5				5.00	
					Total	**5.00**	**Nos**
Tender Item No: Page No			**Measurement Recorded On:**			28/12/2020	
10-12 Moudule with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
Polycarbonate Plate-10-12 Module							
		3				3.00	
					Total	**3.00**	**Nos**
Tender Item No: Page No			**Measurement Recorded On:**			28/12/2020	
Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293(pgno 10/item no 3.6) GROUP A-6Amps one way with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
modular switch/ Socket-6Amps one way							
		5				5.00	
					Total	**5.00**	**Nos**
Tender Item No: Page No			**Measurement Recorded On:**			28/12/2020	
6Amps Two way with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
modular switch/ Socket-6Amps Two way							
		3				3.00	
					Total	**3.00**	**Nos**

Contractor

Assistant Engineer
SWM

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	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
	6Amps 3way socket with all lead and lift , loading and unloading and allother incidental charges etc , complete as per specification and direction of the engineer-in-charge of the work							
	modular switch/ Socket-6Amps Three way							
			5				5.00	
						Total	**5.00**	**Nos**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
	6/16Amps universal socket with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	modular switch/ Socket-6/16Amps universal socket							
			5				5.00	
						Total	**5.00**	**Nos**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
	Supplying of recess mounting non integrated type LED down light ..... W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clamps, LED of Power/COB with CCT 6500 degree K, CRI> 70%. efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should < 5% of lamp wattage., shortcircuit & open circuit protection to be integrated in the circuit,THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.. -12-15 watts with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	LED Down Light-12-15 watts							
			15				15.00	
						Total	**15.00**	**Nos**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
39	15-18 watts with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	LED Down Light-15-18 watts							
			10				10.00	
						Total	**10.00**	**Nos**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
40	Out Door Panel Board upto 20HP with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Out Door Panel Board upto 20HP							
			1				1.00	
						Total	**1.00**	**Set**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
41	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							

Contractor

Assistant Engineer
SWM

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	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit
	Flush polished wood board-20x20x2.5							
			1				1.00	
	Tender Item No: Page No					**Total**	**1.00**	**Each**
	Measurement Recorded On: 28/10/2020							
42	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group. (3.5 core 25 Sqmm) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	1.1 KV LT UG cable							
			1	35.00			35.00	
						Total	**35.00**	**Rmtr**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
43	Labour charges for laying of 1.1 K.V class UG cable, In existing trencg/duct 25Sqmm to75 Sqmm) with all lead and lift , loading and unloading and allother incidental charges etc.,							
	Laying Charges-1.1 KV LT UG cable							
			1	35.00			35.00	
						Total	**35.00**	**Rmtr**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
44	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Trench for UG Cable							
			1	35.00			35.00	
						Total	**35.00**	**Rmtr**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
45	Supplying and fixing of Clas s A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	40mm dia GI pipe							
			1	3.00			3.00	
						Total	**3.00**	**Rmtr**
	Tender Item No: Page No					**Measurement Recorded On:**	28/10/2020	
46	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	L.T. cast Iron pot head-16Sqmm							
			1				1.00	
						Total	**1.00**	**No**

Assistant Engineer

Assistant Executive Engineer

Sl. No.	Description of work	Side	No.	Length m	Breadth m	Depth m	Quantity	Remark/Unit
	Tender Item No: Page No			**Measurement Recorded On:**			29/9/2020	
47	Supplying, fixing, wiring, earth electrode for grounding conduits, I C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 12 mm dia, with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Earthing							
			2				2.00	
						Total	**2.00**	**No**
	Tender Item No: Page No			**Measurement Recorded On:**			28/9/2020	
48	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Porcelain Fuse Channel-100 Amps							
			6				6.00	
						Total	**6.00**	**each**
	Tender Item No: Page No			**Measurement Recorded On:**			28/9/2020	
49	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	25mm Dia-heavy duty glands for ug cable 1.1 kv							
			24				24.00	
						Total	**24.00**	**each**
	Tender Item No: Page No			**Measurement Recorded On:**			28/9/2020	
50	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	Miniature circuit breakers/solaters-40amps DP		6				6.00	
						Total	**6.00**	**each**
	Tender Item No: Page No			**Measurement Recorded On:**			28/9/2020	
51	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete with all lead and lift, loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work							
	MS Box-16SWG		12	60.00	60.00		43,200.00	
						Total	**43200.00**	**Sqcm**

Contractor

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SWM

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